	Application No.	Applicant(s)
Notice of Allowability	10/019,984	CHICK, STEVE
	Examiner	Art Unit
	David S. Warren	2837
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in the or other appropriate communice of the communication is subjected in the communication of the communication is subjected in the communication in the co	nis application. If not included ication will be mailed in due course. <b>THIS</b>
1. This communication is responsive to 8/16/04.		
2. $\boxtimes$ The allowed claim(s) is/are <u>44, 45, 47 – 52, 65 – 70, 73 – 8</u>	<u>88</u> .	
3. $\boxtimes$ The drawings filed on <u>04 January 2002</u> are accepted by th	e Examiner.	
4. ☑ Acknowledgment is made of a claim for foreign priority unas along All b) ☐ Some* c) ☐ None of the:  1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:	e been received. e been received in Application	No
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		reply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.		
6. CORRECTED DRAWINGS ( as "replacement sheets") must (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner' Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in to 7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT	son's Patent Drawing Review ( . s Amendment / Comment or ir .84(c)) should be written on the he header according to 37 CFR sit of BIOLOGICAL MATER	n the Office action of  drawings in the front (not the back) of 1.121(d).  RIAL must be submitted. Note the
Attachment(s)  1. Notice of References Cited (PTO-892)  2. Notice of Draftperson's Patent Drawing Review (PTO-948)  3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date	5.	rmal Patent Application (PTO-152)
4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. ⊠ Examiner's Si 9. □ Other	MARLON T. FLETCHER PRIMARY EXAMINER

## **DETAILED ACTION**

## Allowable Subject Matter

Claims 44, 45, 47 – 52, 65 – 70, 73 – 88 are allowed.

The following is an examiner's statement of reasons for allowance: Independent claim 44 has been amended to include the limitations of having a conductive tip made of unitary construction and protruding no more that 1mm from the edge of the plectrum.

These limitations show a difference to the prior art and are therefore allowable.

Independent claim 82 is allowable as discussed in the previous office action.

Specifically, the prior art does not disclose comparing a difference frequency (i.e., between a carrier and local oscillator frequencies) to obviate a false triggering signal association with a musical instrument plectrum. Independent claim 73 is allowable since the prior art does not show the use of "a triggering signal which includes a series of triggering pulses" wherein signal processing is in accordance with "a predefined relationship with the triggering signal." All claims which depend from these allowable independent claims are, therefore, also allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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## Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David S. Warren whose telephone number is 571-272-2076. The examiner can normally be reached on M-F, 9:30 A.M. to 6:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Martin can be reached on 571-272-2800 ext 37. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

